

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,017,441 B2
APPLICATION NO. : 09/977248
DATED : March 28, 2006
INVENTOR(S) : Takashi Hayashihara et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11, line 16, change "a out put" --an output--

Column 12, line 7, change "chances" to --changes--

Column 13, line 50, change "comprising;" to --comprising:--

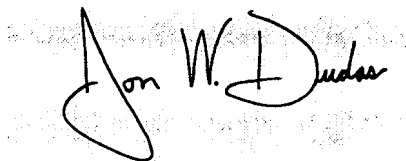
Column 16, line 2, after "line connecting" insert --said fourth connecting--

Column 16, line 7, change "substanially" to --substantially--

Column 16, line 10, change "ration" to --ratio--

Signed and Sealed this

Fifteenth Day of May, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a faint, circular official seal of the United States Patent and Trademark Office.

JON W. DUDAS
Director of the United States Patent and Trademark Office